UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

| APPLICATION NO.                          | FILING DATE              | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |  |
|--|--------------------------|----------------------|---------------------|------------------|--|
| 10/023,886                               | 12/21/2001               | Hideo Shimazu        | 016891-0841         | 5598             |  |
| FOLEY AND I                              | 7590 04/22/201<br>LARDEN | EXAMINER             |                     |                  |  |
| SUITE 500                                | T NW                     | LASTRA, DANIEL       |                     |                  |  |
| 3000 K STREET NW<br>WASHINGTON, DC 20007 |                          |                      | ART UNIT            | PAPER NUMBER     |  |
|  |                          |                      |                     | 3688             |  |
|  |                          |                      |                     |                  |  |
|  |                          |                      | MAIL DATE           | DELIVERY MODE    |  |
|  |                          |                      | 04/22/2010          | PAPER            |  |

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

|  |  | Application No.                     | Applicant(s)          |  |  |  |
|--|--|-------------------------------------|-----------------------|--|--|--|
| Office Action Summary  |  | 10/023,886                          | SHIMAZU, HIDEO        |  |  |  |
|  |  | Examiner                            | Art Unit              |  |  |  |
|  |  | DANIEL LASTRA                       | 3688                  |  |  |  |
| Period fo  | - The MAILING DATE of this communication app<br>r Reply  | ears on the cover sheet with the c  | orrespondence address |  |  |  |
| A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.  - Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.  - If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.  - Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b). |  |                                     |                       |  |  |  |
| Status   |  |                                     |                       |  |  |  |
| 1) 又   | Responsive to communication(s) filed on <u>14 Ja</u>   | nuarv 2010.                         |                       |  |  |  |
| · · · · · · · · · · · · · · · · · · ·  | This action is <b>FINAL</b> . 2b) This action is non-final.  |                                     |                       |  |  |  |
| ′=   | · <del></del>  |                                     |                       |  |  |  |
| •  | closed in accordance with the practice under <i>Ex parte Quayle</i> , 1935 C.D. 11, 453 O.G. 213.                        |                                     |                       |  |  |  |
|  | ·  | ,                                   |                       |  |  |  |
| •  | on of Claims   |                                     |                       |  |  |  |
|  | Claim(s) <u>2-6 and 8-27</u> is/are pending in the application.  |                                     |                       |  |  |  |
|  | 4a) Of the above claim(s) is/are withdrawn from consideration.   |                                     |                       |  |  |  |
| · · · · · · · · · · · · · · · · · · ·  | Claim(s) is/are allowed.   |                                     |                       |  |  |  |
| •  | ☑ Claim(s) <u>2-6,8-27</u> is/are rejected.  |                                     |                       |  |  |  |
| •  | Claim(s) is/are objected to.   |                                     |                       |  |  |  |
| 8)□  | Claim(s) are subject to restriction and/or   | election requirement.               |                       |  |  |  |
| Application  | on Papers  |                                     |                       |  |  |  |
| 9) 🗆 -   | The specification is objected to by the Examine  | r.                                  |                       |  |  |  |
| 10) 🔲 -  | Γhe drawing(s) filed on is/are: a)□ acc∈   | epted or b) objected to by the E    | Examiner.             |  |  |  |
|  | Applicant may not request that any objection to the  | drawing(s) be held in abeyance. See | e 37 CFR 1.85(a).     |  |  |  |
|  | Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). |                                     |                       |  |  |  |
| 11) 🔲 -  | 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.             |                                     |                       |  |  |  |
| Priority u   | nder 35 U.S.C. § 119   |                                     |                       |  |  |  |
| 12)□ /   | 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).                          |                                     |                       |  |  |  |
| •  | a) ☐ All b) ☐ Some * c) ☐ None of:   |                                     |                       |  |  |  |
| -  | 1. ☐ Certified copies of the priority documents have been received.  |                                     |                       |  |  |  |
|  | 2. Certified copies of the priority documents have been received in Application No                                       |                                     |                       |  |  |  |
|  | 3. Copies of the certified copies of the priority documents have been received in this National Stage                    |                                     |                       |  |  |  |
|  | application from the International Bureau (PCT Rule 17.2(a)).  |                                     |                       |  |  |  |
| * See the attached detailed Office action for a list of the certified copies not received.   |  |                                     |                       |  |  |  |
| See the attached detailed Office action for a list of the certified copies not received.   |  |                                     |                       |  |  |  |
|  |  |                                     |                       |  |  |  |
| Attachment   |  | 4) 🗖 Image di a                     | (DTO 449)             |  |  |  |
| 1) Notice of References Cited (PTO-892)  A) Interview Summary (PTO-413)  Discrete of Draftsperson's Patent Drawing Review (PTO-948)  Paper No(s)/Mail Date   |  |                                     |                       |  |  |  |
| 3) Information Disclosure Statement(s) (PTO/SB/08)  5) Notice of Informal Patent Application   |  |                                     |                       |  |  |  |
| Paper No(s)/Mail Date 6) U Other:  |  |                                     |                       |  |  |  |